

Converting Colors

YUV(44.5150, 55.9481,
-25.0077)

Have a look what the booklet for
YUV(44.5150, 55.9481, -25.0077)
contains.

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Color

**YUV(44.5150, 55.9481,
-25.0077)**

Conversions

Conversions Part 1

Format	Color
Hex	10259E
RGB	16, 37, 158
RGB Percent	6%, 15%, 62%
CMY	0.9373, 0.8549, 0.3804
CMYK	0.90, 0.77, 0.00, 0.38
HSL	231°, 82%, 34%
HSV	231°, 90%, 62%
XYZ	7.0468, 3.9019, 32.7295
YIQ	44.5150, -51.3570, 33.1790

Conversions

Conversions Part 2

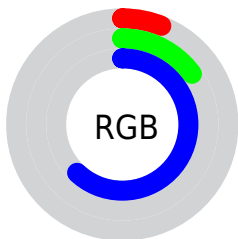
Format	Color
R_{YB}	16, 34, 158
Decimal	1058206
CIE _{Lab}	23.34, 40.46, -66.14
CIE _{LCh}	23, 77.534, 301.456
Yxy	3.9019, 0.1613, 0.0893
Android (android.graphics.Color)	4279248286 (0xFF10259E)
YUV	44.5150, 55.9481, -25.0077
Hunter-Lab	19.7533, 29.1101, -84.4112

Details

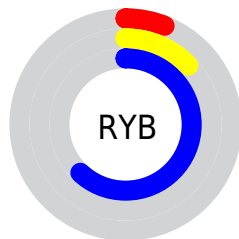
The YUV color **44.5150, 55.9481, -25.0077** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **129.4850, -55.9481, 25.0077**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9240, 55.7465, -6.9493**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **32.1000, 62.0687, -28.1517**, and if you desaturate by 10%, it is **56.9300, 49.8275, -21.8636**.

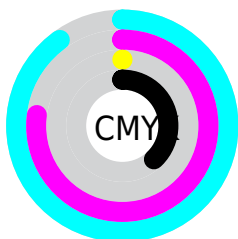
Distribution



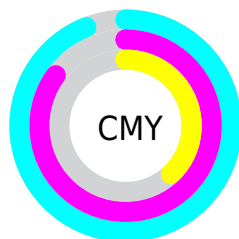
- Red (6%)
- Green (15%)
- Blue (62%)



- Red (6%)
- Yellow (13%)
- Blue (62%)



- Cyan (90%)
- Magenta (77%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.5150, 55.9481, -25.0077 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 44.5150, 55.9481, -25.0077 by changing the saturation by 10% instead.

■ 44.5150, 55.9481,
-25.0077

■ 44.5150, 55.9481,
-25.0077

■ 255.0000, 0.0000,
0.0000

■ 24.3260, 52.5903,
-21.3339

■ 100.9240, 55.7465,
-6.9493

■ 11.9700, 45.8638,
-10.4977

■ 128.1740, 56.6092,
-3.6606

■ 9.7070, 34.6544,
-8.5130

■ 152.8880, 50.3412,
0.0982

■ 9.3190, 23.0137,
-8.1728

■ 177.7070, 38.1054,
4.6420

■ 5.0500, 14.2723,
-4.4289

■ 202.5260, 25.8697,
9.1857

■ 0.7980, 3.0576,
-0.6998

■ 227.9320, 13.3445,

■ 0.0000, 0.0000,

13.2146

0.0000

247.9560, 3.4727,
6.1776

44.5150, 55.9481,
-25.0077

44.5150, 55.9481,
-25.0077

32.1000, 62.0687,
-28.1517

56.9300, 49.8275,
-21.8636

31.5130, 62.3581,
-27.6369

69.9320, 43.4175,
-19.2344

82.0480, 37.4443,
-16.7051

95.0500, 31.0343,
-14.0758

107.4650, 24.9138,
-10.9318

■ 120.4670, 18.5038,
-8.3026

■ 132.8820, 12.3832,
-5.1585

■ 145.5850, 6.1206,
-3.1440

■ 158.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2190, 58.0660, -51.0581



44.5150, 55.9481, -25.0077



49.0610, 31.5219, 63.0905

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.5150, 55.9481, -25.0077



45.8040, -22.5814, 56.2999



50.5230, 3.1932, -44.3087

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.5150, 55.9481, -25.0077



129.4850, -55.9481, 25.0077

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.2640, -20.8362, -37.0655



44.5150, 55.9481, -25.0077



52.3180, -25.7928, 12.8761

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.5150, 55.9481, -25.0077



41.8600, -20.6370, 86.0688



39.9160, -19.6786, -35.0063



57.8360, 28.6749, -50.7222

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.5150, 55.9481, -25.0077



51.3070, 11.6806, 80.4148



39.9160, -19.6786, -35.0063



47.5420, -5.6902, -41.6943

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.5150, 55.9481, -25.0077



162.0800, 22.1456, -9.7172



113.1480, 11.7590, -85.1988



77.8110, 13.4042, -5.9732



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.5150, 55.9481, -25.0077



41.7950, 81.4461, -36.6542



47.1380, 54.6550, 16.5420



72.4990, 3.2050, -1.3146



28.6290, 56.3849, -25.1076



2.8840, 5.9732, -2.5293

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.8520, -11.7590, 85.1988



65.4270, -16.9725, 124.1595



126.8620, -54.6550, -16.5420



73.5060, -0.7425, 4.8182



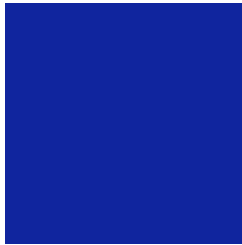
45.1510, -11.9064, 85.8136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 44.5150, 55.9481, -25.0077 looks on a white background.

Color Contrast Check

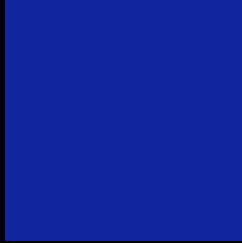
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 44.5150, 55.9481, -25.0077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

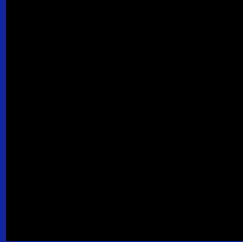
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 44.5150, 55.9481, -25.0077

Background



This preview shows how black text looks on a background with the YUV color 44.5150, 55.9481, -25.0077.



This preview shows how white text looks on a background with the YUV color 44.5150, 55.9481, -25.0077.

-25.0077.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.5150, 55.9481, -25.0077

Protanopia

44.6940, 34.1679, -39.1966

Deuteranopia

45.1040, 25.5847, -39.5562



Tritanopia

43.9180, 10.8864, -38.5161

Trichromacy



Original Color

44.5150, 55.9481, -25.0077

Protanomaly

44.7900, 42.0085, -34.0188

Deuteranomaly

44.7100, 36.6250, -33.9487

Tritanomaly

44.1910, 27.0208, -33.4935

Monochromacy



Original Color

44.5150, 55.9481, -25.0077

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.6240, 20.3984, -9.3172

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.5150, 55.9481, -25.0077 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(16, 37, 158)` looks like.

```
.text, #text, p{  
    color:rgb(16, 37, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(16, 37, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 37, 158) }
```

Border

The CSS property to change the border of an element to YUV 44.5150, 55.9481, -25.0077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(16, 37, 158) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(16, 37, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(16, 37, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 37, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 37, 158);  
box-shadow:4px 4px 4px 4px rgb(16, 37,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 44.5150, 55.9481, -25.0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 37, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(16, 37,  
158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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